# EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|---|---|---|---|---|---|---|
| L1 | 99 | ("20080222487" "20060107181" "7461323" "20060059403" "20060262925" "20080144833" "20060150061" "20070058676" "4569052" "7188281" "20020042899" "20030140300" "20040168112" "20050235191" "20050235195" "20070198890" "20080022191" "20080028274" "20080126908" "20080244353" "20050152408" "4077028" "6779148" "20010025359" "20030014716" "5333143" "6543023" "6691278" "7055090" "20020133778" "20040123228" "20070294607" "3648239" "3766521" "3868632" "3896416" RE30187 "4358848" "4476562" "4477903" "4491943" "4593395" "4617664" "4653051" "4775979" "4862463" "5134618" "5247523" "5457702" "5511078" ).pn. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/10 11:27 |
| L2 | 99 | L1 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/10 11:27 |
| L3 | 9 | 2 and quantum near4 key | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/10 11:28 |
| S1 | 1057 | quantum near4 key | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/01/15 13:59 |
| S2 | 237755 | correct$4 near4 error | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/01/15 13:59 |

| S3 | 310753 | probability near4 information or probability | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/01/15 14:00 |
|----|--------|---------------------------------------------|---------------------------------------------|----|----|-------------------|
| S4 | 7785 | measur$7 near4 photon | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/01/15 14:00 |
| S5 | 1530 | quantum near4 communication | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/01/15 14:01 |
| S6 | 482358 | transmission near4 data | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/01/15 14:01 |
| S7 | 19 | S1 and S2 and S3 and S4 and S5 and S6 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/01/15 14:02 |
| S8 | 17 | S7 and error near4 correction | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/01/15 14:02 |
| S9 | 3 | S8 and (first and second) near4 parity | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/01/15 14:03 |

| S10 | 2065 | 714/758.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/01/15 14:12 |
| S11 | 3 | S10 and quantum near4 key same error near4 correct$5 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/01/15 14:14 |
| S12 | 294 | S1 and (first and second) same error | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/01/15 14:16 |
| S13 | 3 | S12 and S12 and (first and second) near4 parity near4 check | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/01/15 14:17 |
| S14 | 3 | S12 and S12 and (first and second) near4 parity near4 check same matrix | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/01/15 14:17 |
| S15 | 5 | S1 and third near4 parity | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/01/15 14:18 |
| S16 | 4570 | coding near4 rate near4 low$4 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/01/15 14:18 |

| S17 | 2 | S1 and S16 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/01/15 14:18 |
|---|---|---|---|---|---|---|
| S18 | 20 | discard$4 same information same open$4 same error near4 correction | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/01/15 14:20 |
| S19 | 4 | S18 and quantum near5 key | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/01/15 14:20 |
| S20 | 41 | S1 and error same encryption near5 key | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/01/15 14:21 |
| S21 | 16 | S20 and matrix | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/01/15 14:22 |
| S22 | 3 | S21 and bipartite near4 graph | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/01/15 14:22 |
| S23 | 1 | optimiz$4 same order near4 allocation same weight near4 row | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/01/15 14:24 |

| S24 | 1 | S1 and Euclidian near4 code | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/01/15 14:31 |
|---|---|---|---|---|---|---|
| S25 | 0 | (reception or receiver or transceiver) same connect$4 same error same probability same quantum same communication | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/01/15 14:33 |
| S26 | 0 | (reception or receiver or transceiver) same connect$4 same error same probability same quantum | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/01/15 14:34 |
| S27 | 0 | (quantum error correct$4 probability phonton transmission$5 reception$5 encryption$4 discard$4 set$4).clm. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2009/01/15 14:38 |
| S28 | 0 | (quantum error correct$4 probability phonton transmission$5 reception$5 encryption$4 discard$4 set$4) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2009/01/15 14:38 |
| S29 | 99 | ("20080222487" "20060107181" "7461323" "20060059403" "20060262925" "20080144833" "20060150061" "20070058676" "4569052" "7188281" "20020042899" "20030140300" "20040168112" "20050235191" "20050235195" "20070198890" "20080022191" "20080028274" "20080126908" "20080244353" "20050152408" "4077028" "6779148" "20010025359" "20030014716" "5333143" "6543023" "6691278" "7055090" "20020133778" "20040123228" "20070294607" "3648239" "3766521" "3868632" "3896416" RE30187 "4358848" "4476562" "4477903" "4491943" "4593395" "4617664" "4653051" "4775979" "4862463" "5134618" "5247523" "5457702" "5511078" ).pn. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/01/15 14:53 |

| S30 | 2 | S18 and S29 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/01/15 14:54 |
| S34 | 7100 | (714/758,780,755,752,753,763,801,800,757,761).ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/01/15 15:01 |
| S35 | 294 | S1 and S12 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/01/15 15:01 |
| S36 | 99 | S35 and S6 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/01/15 15:02 |
| S37 | 2 | S18 and S36 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/01/15 15:02 |
| S38 | 884758 | Wataru near4 Matsumoto or Mitsubishi | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/01/15 18:01 |

| S39 | 99 | ("20080222487" "20060107181" "7461323" "20060059403" "20060262925" "20080144833" "20060150061" "20070058676" "4569052" "7188281" "20020042899" "20030140300" "20040168112" "20050235191" "20050235195" "20070198890" "20080022191" "20080028274" "20080126908" "20080244353" "20050152408" "4077028" "6779148" "20010025359" "20030014716" "5333143" "6543023" "6691278" "7055090" "20020133778" "20040123228" "20070294607" "3648239" "3766521" "3868632" "3896416" RE30187 "4358848" "4476562" "4477903" "4491943" "4593395" "4617664" "4653051" "4775979" "4862463" "5134618" "5247523" "5457702" "5511078" ).pn. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/01/15 18:02 |
|-----|-----|-----|-----|-----|-----|-----|
| S40 | 1057 | quantum near4 key | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/01/15 18:03 |
| S41 | 237755 | correct$4 near4 error | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/01/15 18:03 |
| S42 | 310753 | probability near4 information or probability | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/01/15 18:03 |
| S43 | 7785 | measur$7 near4 photon | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/01/15 18:03 |
| S44 | 1530 | quantum near4 communication | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/01/15 18:03 |

| S45 | 482358 | transmission near4 data | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/01/15 18:03 |
| S46 | 19 | S40 and S41 and S42 and S43 and S44 and S45 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/01/15 18:03 |
| S47 | 17 | S46 and error near4 correction | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/01/15 18:03 |
| S48 | 4 | S38 and S47 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/01/15 18:03 |
| S49 | 1057 | quantum near4 key | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/01/16 17:25 |
| S50 | 237755 | correct$4 near4 error | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/01/16 17:25 |
| S51 | 310753 | probability near4 information or probability | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/01/16 17:25 |

| S52 | 7785 | measur$7 near4 photon | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/01/16 17:25 |
|-----|------|------------------------|------|----|----|--------|
| S53 | 1530 | quantum near4 communication | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/01/16 17:25 |
| S54 | 482358 | transmission near4 data | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/01/16 17:25 |
| S55 | 19 | S49 and S50 and S51 and S52 and S53 and S54 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/01/16 17:25 |
| S56 | 17 | S55 and error near4 correction | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/01/16 17:25 |
| S57 | 17 | S56 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/01/16 17:25 |
| S58 | 0 | (quantum key correct$4 error reception data probability information photon quantum communication error-correction-information transmission-side reception-side encryption-key discard$4 setting). clm. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2009/01/20 20:26 |

| S59 | 889993 | Wataru near4 Matsumoto or Mitsubishi | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/10 10:58 |
|-----|--------|--------------------------------------|-----|-----|-----|-----|
| S60 | 889993 | S59 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/10 10:58 |
| S61 | 7281 | (714/758,780,755,752,753,763,801,800,757,761).ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/10 10:59 |
| S62 | 7281 | S61 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/10 10:59 |
| S63 | 101353 | "713"/("150,189").ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/10 10:59 |
| S64 | 0 | (quantum error correct$4 probability phonton transmission$5 reception$5 encryption$4 discard$4 set$4) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2009/04/10 11:01 |
| S65 | 0 | S64 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/10 11:01 |

| S66 | 1 | (quantum correct$4 error probability photon transmission error correction information coding rate).clm. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2009/04/10 11:07 |

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